

<b>Time</b>	<b>26 September (Thursday)</b>			
10:00-11:30	<b>Balkan Hall</b>  <b>Opening Ceremony</b> Presentations "90 years of organized speleology in Bulgaria and 45 years of cave rescue in Bulgaria"			
11:30-12:30	<b>Break</b>			
12:30-13:30	<b>Lunch</b>			
13:30-14:00	<b>Free Time</b>			
	<b>Balkan Hall</b>	<b>Rhodopi Hall</b>	<b>Strandzha Hall</b>	<b>Vitosha Hall</b>
14:00-14:30	<b>Gyula Hegedus:</b> History of UIS Cave Rescue Commission	<b>Symposium "Cave Climate and Paleoclimate – Best Record of the Global Change IV"</b>	<b>Cave Protection</b>	
14:30-16:00	<b>Cave Exploration &amp; Expeditions</b>  <b>Chairperson: Antoniya Vlaykova</b>  <b>Dr. Petar Beron:</b> Bulgarians in Gouffre Berger – 1969  <b>Boaz Langford &amp; al.:</b> Discoveries of new salt caves at Sedom salt diapir, Dead-Sea, Israel  <b>Yoav Negev:</b> The expedition to resurvey the longest salt cave in the world, Malham cave, Mt Sedom - Israel	<b>Chairpersons: Dr. Y. Shopov, Dr. A. Stoev</b>  <b>Yavor Shopov &amp; al.:</b> On the Possibility to use 13C Speleothem Records for Determination of Total Freezing of the Ground during Glaciations  <b>Mehmet Oruç Baykara &amp; al.:</b> The role of Heinrich 5 climatic event on human migration: A high resolution speleothem record from southern Turkey  <b>Stanislav Frančičković-Bilinski &amp; al.:</b> Overview of environmental research in Croatian karst and its implications for paleoenvironmental reconstructions  <b>Annotation of poster presentations</b>  <b>Konstantin Kostov &amp; al.:</b> Age Determination of Speleothems from Mishin Kamik Cave, NW Bulgaria ( <i>poster presentation</i> )	<b>Chairperson: Jean-Claude Thies</b>  <b>Ferdinando Didonna:</b> Clean Up The Dark – a Proposal for a European Network for Cave Cleaning and Protection  <b>Matea Talaja and Valerija Butorac:</b> Mapping and valuing karst underground geodiversity in cave Lokvarka, Croatia  <b>Franc Malečkar:</b> Introduction of schoolchildren to field work on karst and caves  <b>Jean-Claude Thies:</b> 6 <sup>th</sup> EuroSpeleo Protection Symposium "Underground Biotope and Geotope; Best Practice of Protection"  <b>Joerg Dreybrodt:</b> Karst and Cave Conservation within	

		<p><b>Penka Stoeva &amp; al.:</b> Solar activity effects on cave temperature regimes during five solar cycles (1968 - 2018) (<i>poster presentation</i>)</p> <p><b>Alexey Stoev &amp; al.:</b> Main physical processes and phenomena causing periodic changes in the cave microclimate (<i>poster presentation</i>)</p>	<p>the Sustainability Goals of the United Nations</p> <p><b>Annotation of poster presentation</b></p> <p><b>Stanimira Deleva &amp; al.</b> Book about caves and karst of Costa Rica (<i>poster presentation</i>)</p>	
<b>16:00-16:30</b>	<b>Break</b>			
16:30-19:00	<p><b>Cave Exploration &amp; Expeditions</b></p> <p><b>Chairpersons: Antoniya Vlaykova, Angel Ivanov</b></p> <p><b>Marko Rakovac:</b> Speleological explorations in Croatia (2009-2019)</p> <p><b>Marina Grandić:</b> Speleological explorations of Croatian Northern Velebit karst</p> <p><b>Michael Laumanns:</b> International expeditions 2017 and 2019 to the Serra da Bodoquena, SW Brazil</p> <p><b>Petr Barák:</b> Explorations of the Balkan Caves - Devon Caving club</p>	<p><b>Meeting of the UIS Physical Chemistry and Hydrogeology of Karst Commission</b></p> <p><b>Chairperson: Dr. Y. Shopov</b></p>	<p><b>17:00-19:00</b></p> <p><b>ECPC meeting</b></p>	
<b>19:00-20:00</b>	<b>Dinner</b>			
20:00-21:00	<b>Balkan Hall</b>			
	EuroSpeleo Image'In Film Festival			
<b>After 20:00</b>	<b>Speleo bar &amp; Party</b>			

Time	27 September (Friday)				
8:00-9:00	Breakfast				
9:00-9:30	Free Time				Other
	<b>Balkan Hall</b>	<b>Rhodopi Hall</b>	<b>Strandzha Hall</b>	<b>Vitosha Hall</b>	<b>2nd EuroSpeleo Show Cave Symposium</b>
9:30-11:30	<p><b>Cave Exploration &amp; Expeditions</b></p> <p><b>Chairperson: Mladen Garasic</b></p> <p><b>Liviu Vălenaș:</b> Speleological research in Laos, 2015-2019</p> <p><b>Michael Laumanns:</b> The longest lava tube caves of Southeast Asia - Tan Phu and Krong No Volcanic in southern Vietnam</p> <p><b>Liviu Vălenaș:</b> Speleological research in Thailand, 2006-2019</p> <p><b>Michael Laumanns:</b> Baishan 2018/19 - Reconnaissance expedition to Jilin and Heilongjiang provinces, NE China</p>	<p><b>Symposium "Techniques for Remote Location of Unknown Underground Cavities"</b></p> <p><b>Chairpersons: Dr. A. Benderev</b></p> <p><b>Yavor Shopov &amp; al.:</b> Tracing of the Groundwater Flowing out of Kolkina dupka Cave, Zimevitsa, Bulgaria</p> <p><b>Ivan Antonov &amp; al.:</b> Dye Tracing Below the Visibility Threshold</p>	<p><b>Cave Biology &amp; Biospeleology</b></p> <p><b>Chairperson: Stanimira Deleva</b></p> <p><b>Stanimira Deleva:</b> Study of the nutrient contribution of cave bat colonies to surface ecosystems</p> <p><b>Heliana Dundarova:</b> Underground Habitats as a Unit for Conservation of Vulnerable Bat Communities in South-Western Kyrgyzstan</p> <p><b>Josiane Lips:</b> Biospeleology in Kyrgyzstan</p> <p><b>Angel Ivanov &amp; al.:</b> Intelligent Virtual Personal Assistant for Bat Scientists</p>		<p><b>Chairperson: Dr. A. Stoev</b></p> <p>A visit to the Saeva dupka Cave for the participants in the symposium</p>
11:30-12:00	Break				
12:00-13:00	<p><b>Symposium "Techniques for Remote Location of Unknown Underground Cavities"</b></p>		<p><b>Cave Biology &amp; Biospeleology</b></p> <p><b>Chairperson: Hannes Köble</b></p>		

	<p><b>Chairperson: Dr. A. Filipov</b></p> <p><b>Yavor Shopov:</b> The International Program on "Techniques for Remote Location of Cave (RLC) of the International Union of Speleology (UIS) and Bulgarian project related to it</p> <p><b>Ognian Ognianov &amp; al.:</b> Remote Location of Caves by Thermal Cameras</p>		<p><b>Hannes Köble:</b> Biospeleology in Germany Methods to increase public and specialist interest</p> <p><b>Caio César Pires de Paula &amp; al.:</b> Microbial life in Brazilian caves: reporting the structure of bacterial communities</p> <p><b>Annotation of poster presentations</b></p> <p><b>Nataša Nikolić &amp; al.:</b> Humidophila brekkaensoides (Bock) Lowe, Kociolek, J.R.Johansen, Van de Vijver, Lange-Bertalot &amp; Kopalova: Aerophytic diatom from the caves of Serbia <i>(poster presentation)</i></p> <p><b>Sladana Popović &amp; al.:</b> Samar Cave: seasonal analysis of phototrophic microorganisms, ecological and biofilm parameters <i>(poster presentation)</i></p>		
<b>13:00-14:00</b>	<b>Lunch</b>				
<b>14:00-14:30</b>	<b>Free Time</b>				
14:30-16:00	<p><b>Symposium</b> <b>"Techniques for Remote Location of Unknown Underground Cavities"</b></p>				

	<p><b>Chairperson: Dr. Y. Shopov</b></p> <p><b>Yavor Shopov:</b> Remote Location of Caves on Mars and the Moon - First Step to the Settlement on other Planets</p> <p><b>Anton Filipov &amp; al.:</b> First Application of Near Infrared Imaging for Remote Location of Caves</p> <p><b>Ivan Ivanov &amp; al.:</b> Development of Technology for Remote Location of Unknown Underground Cavities and Deep-Seated Rockslides by Unmanned Air Systems (UAS)</p>				
<b>16:00-16:30</b>	<b>Break</b>			<b>FSE Bureau Meeting</b>	<b>Speleo Olympics</b>
16:30-18:30	<p><b>Cave Exploration &amp; Expeditions</b></p> <p><b>Chairperson: Yavor Shopov</b></p> <p><b>Pavel Bakalov and Konstantin Stoichkov:</b> Exploration of the caves in Banski suhodol circus in North Pirin, SC Helictit - Sofia and SCC Akademic – Sofia</p>	<p><b>Cave Geology, Geomorphology and Geography of Karst</b></p> <p><b>Chairpersons: Dr. K. Kostov, Dr. A. Benderev</b></p> <p><b>Tzvetan Ostromsky:</b> Wonders and remarks of Bulgarian caves and karst</p>			

	<p><b>Konstantin Stoichkov:</b> Exploration of the caves in the region of the village of Karlukovo by the cavers of the caving club Helictit – Sofia</p> <p><b>Tzvetan Ostromsky &amp; al.:</b> Recent speleological explorations in NW Vratsa Mountain</p> <p><b>Teodor Kisimov:</b> Morca 2019 – a short summary of the expedition</p>	<p><b>Jelena Čalić:</b> Caves and karst of the Djerdap aspiring Geopark – research and management challenges</p> <p><b>Aliki Konsolaki:</b> Morphological analysis of 3D subsurface structures with the use of a handheld laser scanning system. The case study of Koutouki Cave, Peania, Greece</p> <p><b>Annotation of poster presentation</b></p> <p><b>Maurizio Tavagnutti:</b> Tides of Adriatic Sea in the caves of Classical Karst: The case of Pozzo dei protei di Monfalcone (Italy) (<i>poster presentation</i>)</p>			
<b>18:30-19:00</b>	<b>Free Time</b>				
<b>19:00-20:00</b>	<b>Dinner</b>				
20:00-21:00	<b>Balkan Hall</b>				
	Poster Presentations on glass of wine				
<b>After 20:00</b>	<b>Speleo bar &amp; Party</b>				

Time	28 September (Saturday)				
8:00-9:00	Breakfast				
	<b>Balkan Hall</b>	<b>Rhodopi Hall</b>	<b>Strandzha Hall</b>	<b>Vitosha Hall</b>	<b>Other</b>
9:00-13:00					
9:30-13:00	<b>Bulgarian National Speleology Forum</b>  <b>Chairperson: Dr. A. Benderev</b>  Opening Ceremony  Presentations “90 years of organized speleology in Bulgaria and 45 years of cave rescue in Bulgaria” (in Bulgarian)  <b>Anna Pencheva:</b> Bulgarians in Gouffre Berger – 1969 (in Bulgarian)  <b>Awarding</b>	<b>General Assembly of European Speleological Federation</b>			
13:00-14:00	Lunch				
14:00-16:00	<b>Bulgarian National Speleology Forum</b>  <b>Chairpersons: Dr. Y. Shopov, Dr. A. Benderev</b>  Presentations and Discussions (in Bulgarian)	<b>EuroSpeleo Show Cave Symposium</b>  <b>Chairpersons: Dr. A. Stoev, Olga Suldovska</b>  <b>Olga Suldovska:</b> Show caves of the Czech Republic – what visitors do not see  <b>Alexey Stoev &amp; al.:</b> Show caves in Bulgaria as objects for study trips and expeditions of students in tourist specialties ( <i>poster presentation</i> )			

		<b>Penka Stoeva &amp; al.:</b> Symbols, myths, and images of the underworld in the arrangement and operation of show caves <i>(poster presentation)</i>			
<b>16:00-16:30</b>	<b>Break</b>			<b>Conservation Workshop</b>	<b>Speleo Olympics</b>
16:30-18:30	<b>Bulgarian National Speleology Forum</b>  Presentations and Discussions (in Bulgarian)	<b>Cave Exploration &amp; Expeditions</b>  <b>Chairperson: Toma Solarov</b>  <b>Aleksandar Stoev:</b> Cave Survey project, surveying caves with common hardware  <b>Rosario Ruggieri:</b> Karst and Speleology in the South Caucasus of Armenia  <b>Joerg Dreybrodt:</b> Karst and Cave Conservation in Myanmar			
18:30-19:00	<b>Break</b>				
19:00-20:00	<b>Balkan Hall</b>  Closing Ceremony + Prizes				
20:00-21:00	<b>Official Dinner</b>				
After 21	<b>Speleo bar &amp; Party</b>				